

Figure 1
Calculating Proportion of Hillside Design District Addition Projects That Are Two-Story

Out of 109 single family addition infill & hillside projects in 2003, 39 were known to be two-story and 4 were known to be one-story. Due to the limitations of available Permit Plan data, the number of stories is unknown for the remaining 66 single-family addition projects.

	# of Projects			
	Known 1-story	Known 2-story	Unknown # of stories	Total
Exempt	--	4	44	48
Non-exempt	4	35	22	61
Total	4	39	66	109

To estimate the number of projects in 2003 that were two story, a “high” and “low” estimate were completed, below. For the high estimate, the proportion of known two-story projects subject to ABR out of the total ABR addition projects with story data was extrapolated to the larger set of non-exempt projects with missing data. This estimate is considered “high” because Building counter Staff may be more likely to enter story information when a project is two stories rather than when it is only one story. Therefore, assuming the same proportion of the projects without story data as the projects with story data would likely be an overestimate. Second, a “low” estimate was completed by assuming that all of the cases without story data were one-story projects. Of course, this would be an underestimate, because it is likely that a number of the projects with no story data were two-story projects.

High Estimates: Assumption: known and unknown project additions have the same percentage of two-story project additions.

<u>39 known 2-story 2003 single-family additions</u>		<u>55 estimated 2-story non-exempt 2003 single-family additions</u>
43 known 1- and 2-story 2003 single-family additions	=	61 1- or 2-story non-exempt 2003 single-family additions
<u>39 known 2-story 2003 single-family additions</u>		<u>44 estimated 2-story exempt 2003 single-family additions</u>
43 known 1- and 2-story 2003 single-family additions	=	48 1 or 2 story exempt 2003 single-family additions

Low Estimates: Assumption: all unknown project additions are one story, only the known 2-story 2003 single-family additions are assumed to be two-story:

- 35** non-exempt 2-story 2003 single-family additions
- 4** exempt 2-story 2003 single-family additions

Conclusion. In conclusion, approximately **35** to **55** non-exempt two-story hillside single-family addition projects are estimated for 2003. **4** to **44** exempt two-story hillside single-family additions are estimated.

High Estimate Summary:

	Estimated 1-story	Estimated 2-story	Total
Exempt	4	44	48
Non-exempt	6	55	61
Total	10	99	109

Low Estimate Summary:

	Estimated 1-story	Estimated 2-story	Total
Exempt	44	4	48
Non-exempt	26	35	61
Total	70	39	109

J:\USERS\PLAN\HBaker\NPO Update\Research\Application Routing & Trigger Mechanisms\Application Routing & Trigger Mechanisms\Part II\Hillside Caseload at 15% vs. 18% Slope\one-story vs. two-story proportion calculation method.doc